

## ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

**Date/Time** October 28, 2003/ 7 15 am

**Site Contact(s)** Annette Primrose  
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**Regulatory Contact:** David Kruchek  
**Phone:** 303 692-3328

**Agency** CDPHE

**Purpose of Contact** Accelerated notification of remedial action at IHSS group 700-4

### Discussion

Process waste tanks 66, 67 and 68 on the east side of Building 774 were recently removed as part of building decommissioning activities. The area was roughly regraded after tank removal to leave the area in a safer configuration and approximately two feet of previously excavated soil was replaced over the subtank soils.

Samples were collected from the soils directly underlying the tanks with the following results

- Tank 68 – Americium activity was not detected
- Tank 67 – Americium activity was 782 pCi/g in subtank soils. Americium activity in the overlying fill material was 8 47 pCi/g
- Tank 66 – Americium activity was 6 1 nCi/g in the subtank soils. Americium activity in the overlying fill material was 6 15 pCi/g

At final grade, the area will be 8 to 12 feet below grade. However, as stated in RFCA Attachment 5, once an excavation is started, the principal of ALARA will be applied by removing all soil contamination to less than 1 nCi/g. Therefore, a remedial action is planned for the Tank 66 and part of the Tank 67 area, including the higher activity areas noted during the radiological survey of the area. The excavation is currently open and an immediate approach is required for this area.

For this action, sufficient contaminated soil will be removed and dispositioned as waste to ensure that the remaining soils are below the action level of 1 nCi/g. Confirmation samples will be collected to verify that the action level of 1 nCi/g was met.

The extent of the remedial action will be documented in a closeout report for IHSS Group 700-4.

**Contact Record Prepared By:** Annette Primrose

### Required Distribution

S Bell, RFFO  
J Berardini, K-H  
L Brooks, K-H ESS  
M Broussard, K-H RISS  
L Butler, K-H RISS  
G Carnival, K-H RISS  
N Castaneda, RFFO  
C Deck, K-H Legal  
R DiSalvo, RFFO  
S Gunderson, CDPHE

M Keating, K-H RISS  
G Kleeman, USEPA  
D Kruchek, CDPHE  
D Mayo, K-H RISS  
R McCalister, DOE  
J Mead, K-H ESS  
S Nesta, K-H RISS  
L Norland, K-H RISS  
K North, K-H ESS  
E Pottorff, CDPHE

A Primrose, K-H RISS  
T Rehder, USEPA  
S Serreze, RISS  
D Shelton, K-H  
C Spreng, CDPHE  
S Surovchak, RFFO  
K Wiemelt, K-H RISS  
C Zahm, K-H

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